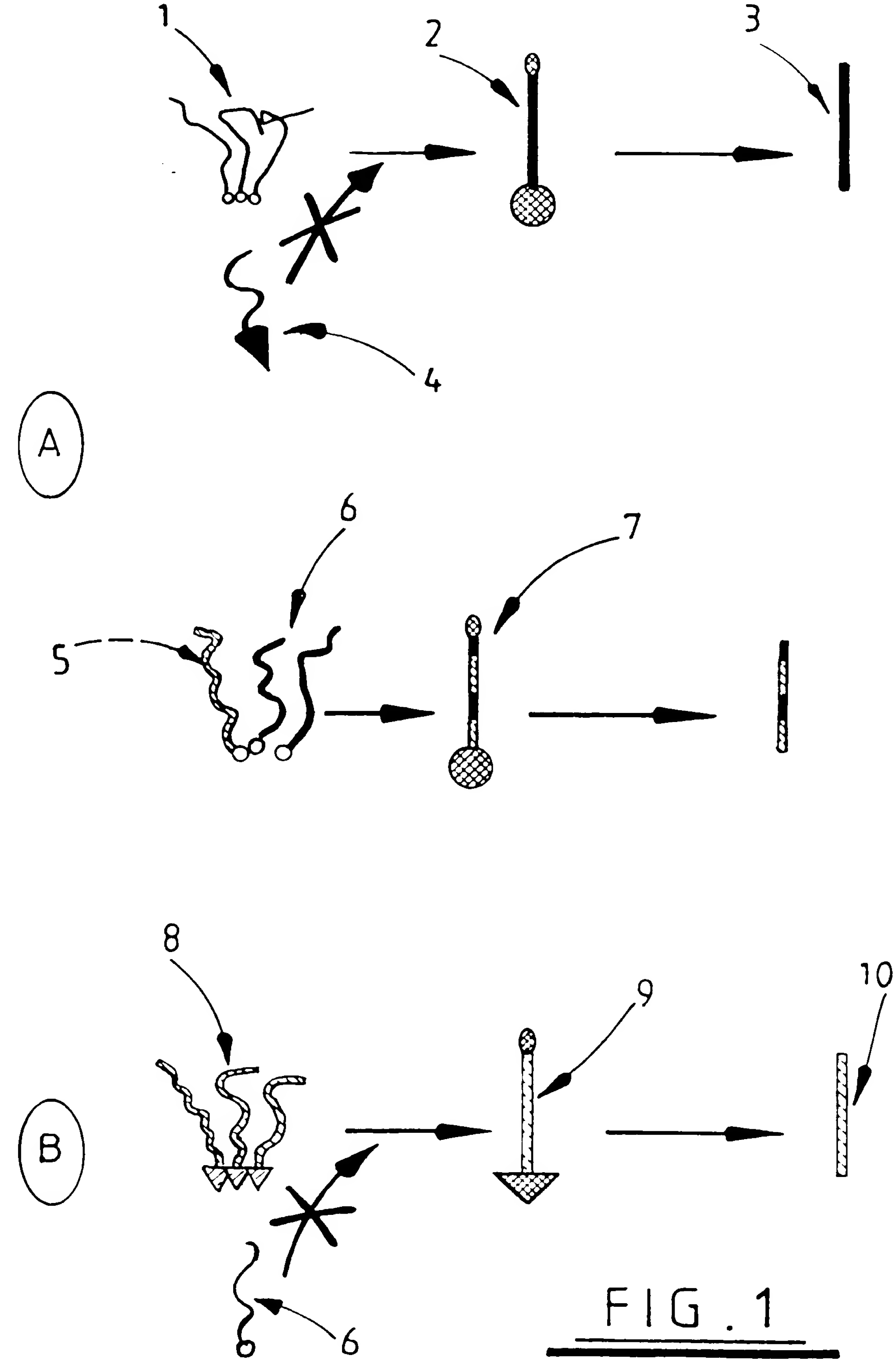

FIG. 1

```
                                    A                                   1      2
alpha1(I)    YYRADD...A NVVRDRDLEV DTTLKSLSQQ IENIRSPEGS RKNPARTCRD LKMCHSDWKS
alpha2(I)    FYRADQPRSA PSLRPKDYEV DATLKSLNNQ IETLLTPEGS RKNPARTCRD LRLSHPEWSS
alpha1(III)  YYGDE....P MDFKINTDEI MTSLKSVNGQ IESLISPDGS RKNPARNCRD LKFCHPELKS

                       3         4 F    5
alpha1(I)    GEYWIDPNQG CNLDAIKVFC NMETGETCVY PTQPSVAQKN WYISKNPKDK RHVWFGESMT
alpha2(I)    GYYWIDPNQG CTMEAIKVYC DFPTGETCIR AQPENIPAKN WYRS..SKDK KHVWLGETIN
alpha1(III)  GEYWVDPNQG CKLDAIKVFC NMETGETCIS ANPLNVPRKH WW.TDSSAEK KHVWFGESMD

                  B          C           G     6
alpha1(I)    DGFQFEYGGQ GSDPADVAIQ LTFLRLMSTE ASQNITYHCK NSVAYMDQQT GNLKKALLLK
alpha2(I)    AGSQFEYNVE GVTSKEMATQ LAFMRLLANY ASQNITYHCK NSIAYMDEET GNLKKAVILQ
alpha1(III)  GGFQFSYGNP ELPEDVLDVQ LAFLRLLSSR ASQNITYHCK NSIAYMDQAS GNVKKALKLM

                                      7
alpha1(I)    GSNEIEIRAE GNSRFTYSVT VDGCTSHTGA WGKTVIEYKT TKTSRLPIID VAPLDVGAPD
alpha2(I)    GSNDVELVAE GNSRFTYTVL VDGCSKKTNE WGKTIIEYKT NKPSRLPFLD IAPLDIGGAD
alpha1(III)  GSNEGEFKAE GNSKFTYTVL EDGCTKHTGE WSKTVFEYRT RKAVRLPIVD IAPYDIGGPD

                         8
alpha1(I)    QEFGFDVGPV CFL
alpha2(I)    HEFFVDIGPV CFK
alpha1(III)  QEFGVDVGPV CFL
```

FIG. 2

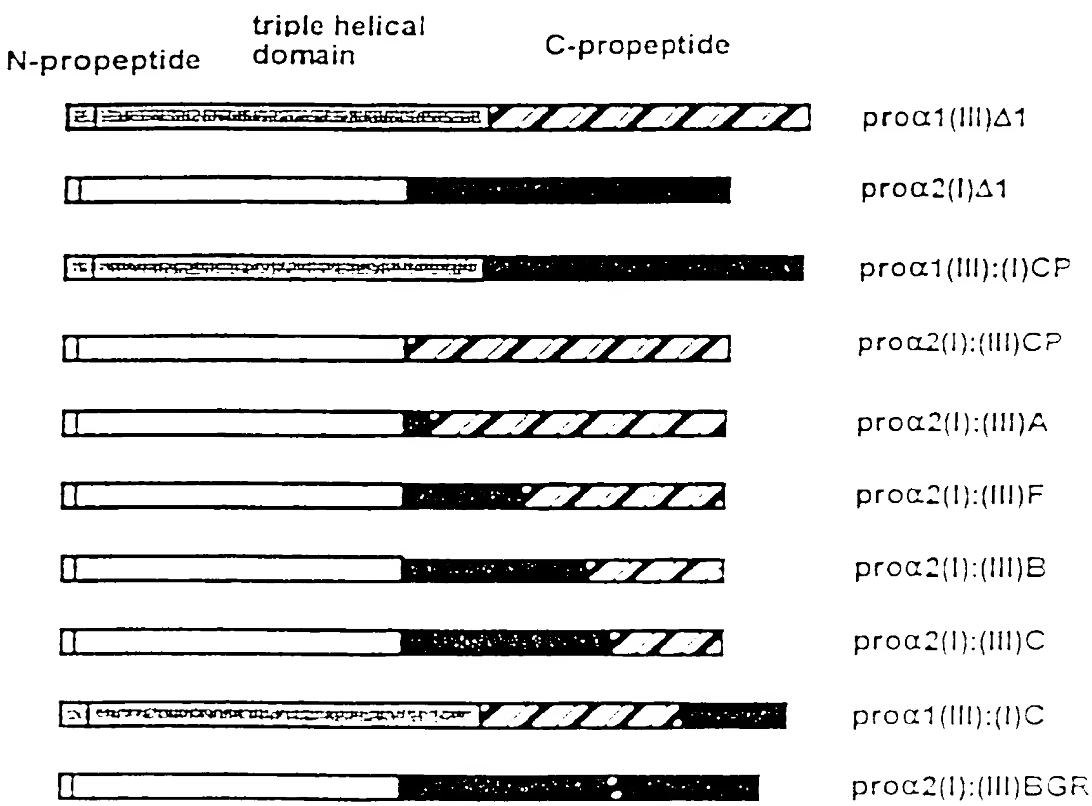

FIG. 3

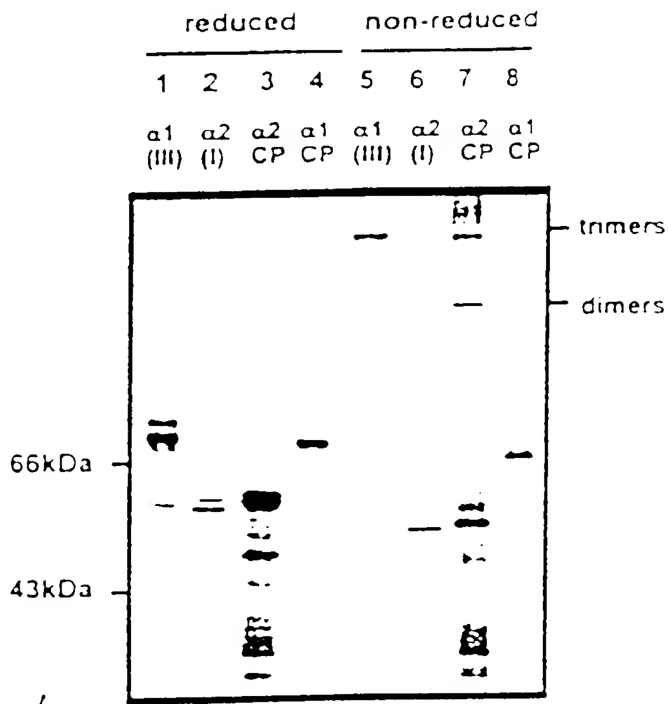
reduced
non-reduced
1 2 3 4 5 6 7 8
α1 (III)
α2 (I)
α2 CP
α1 CP
α1 (III)
α2 (I)
α2 CP
α1 CP
trimers
dimers
66kDa
43kDa

FIG. 4

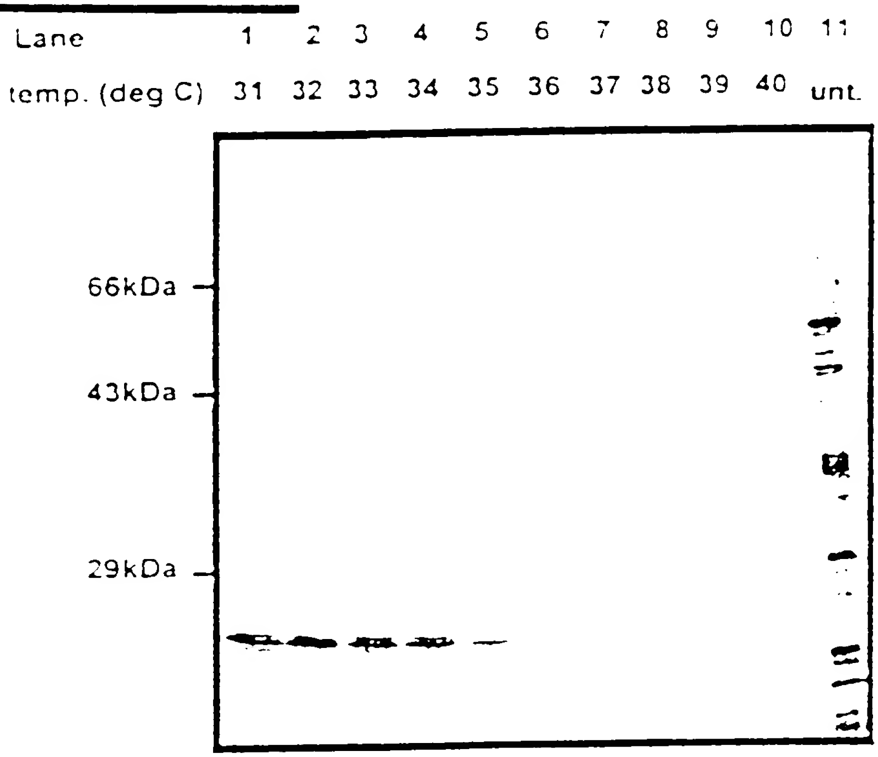
Lane 1 2 3 4 5 6 7 8 9 10 11
temp. (deg C) 31 32 33 34 35 36 37 38 39 40 unt.
66kDa
43kDa
29kDa

FIG. 5

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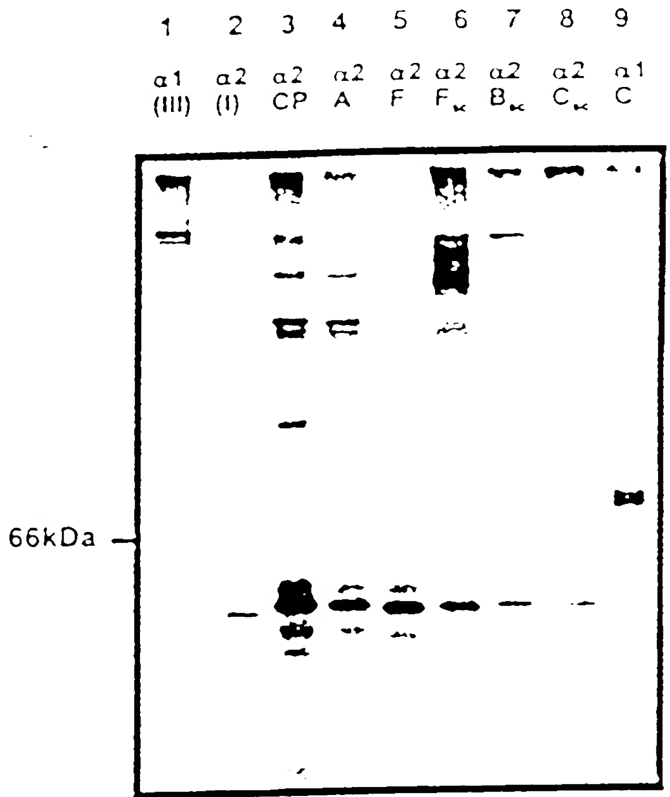

FIG. 6

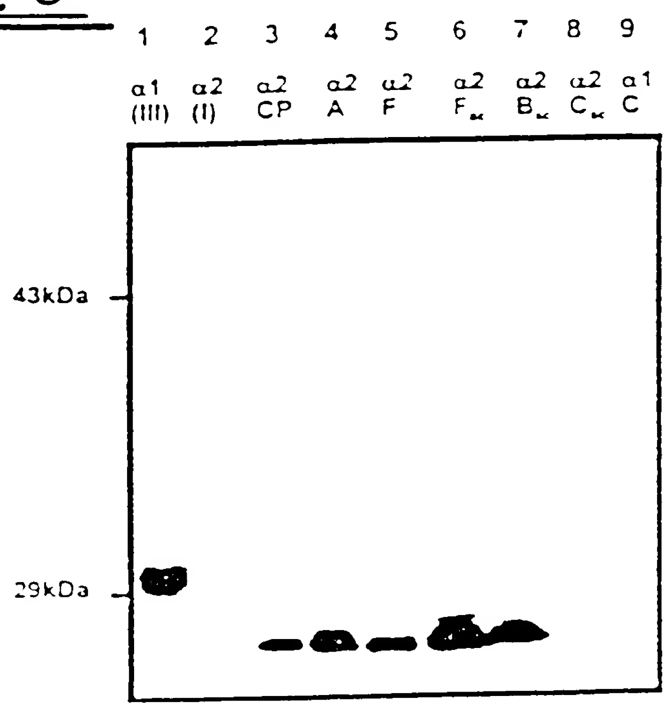

FIG. 7

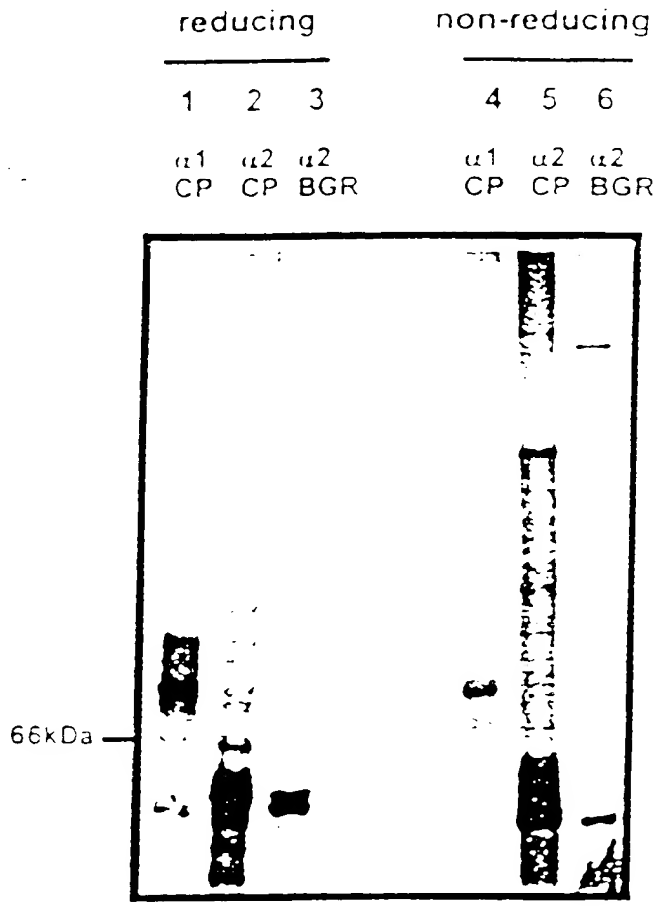
reducing
non-reducing
1 2 3
4 5 6
α1 CP
α2 CP
α2 BGR
α1 CP
α2 CP
α2 BGR
66kDa

FIG. 8

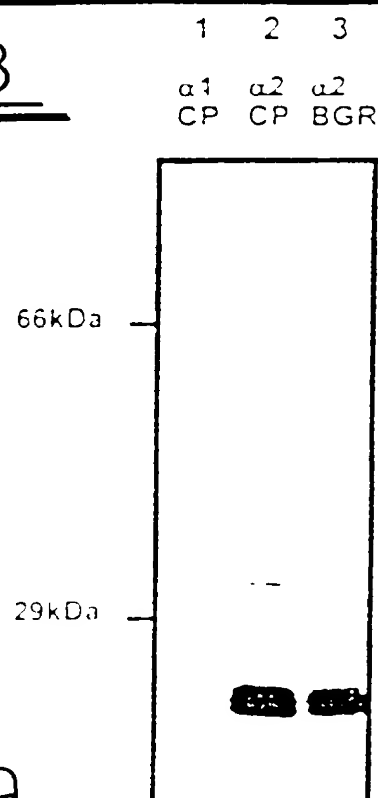
1 2 3
α1 CP
α2 CP
α2 BGR
66kDa
29kDa

FIG. 9

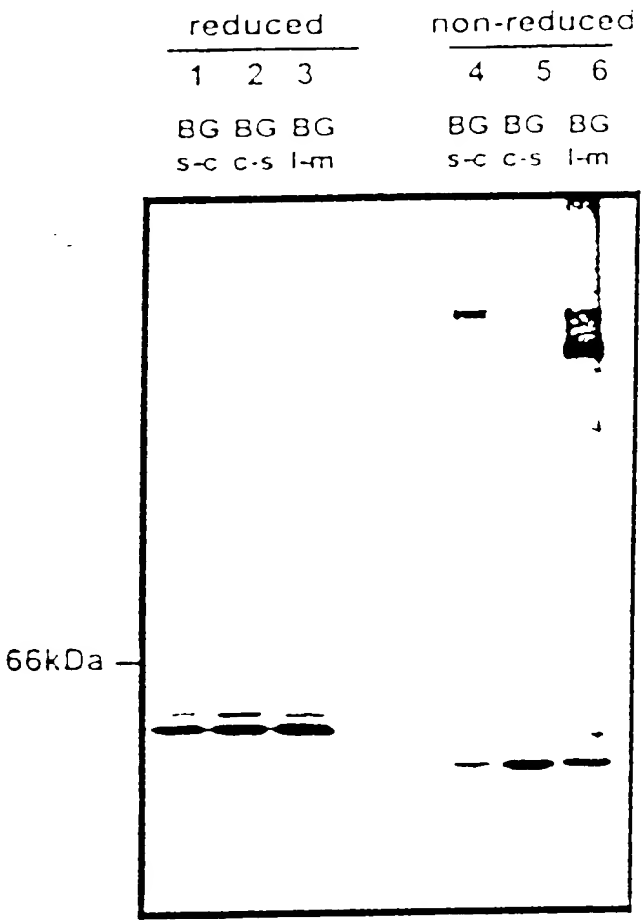
reduced
non-reduced
1 2 3
4 5 6
BG s-c
BG c-s
BG l-m
BG s-c
BG c-s
BG l-m
66kDa

FIG. 10

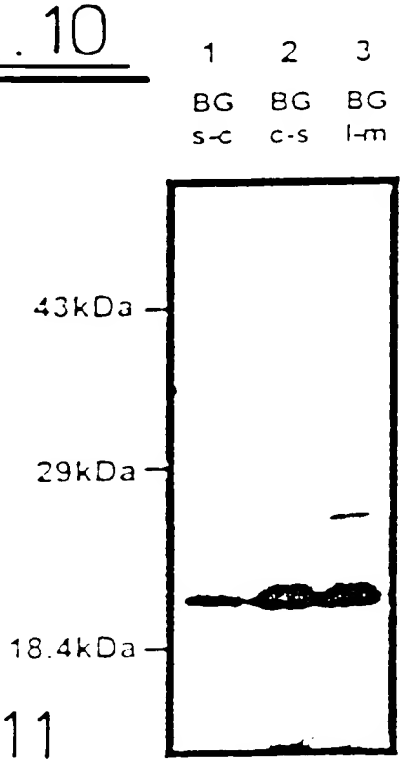
1 2 3
BG s-c
BG c-s
BG l-m
43kDa
29kDa
18.4kDa

FIG. 11

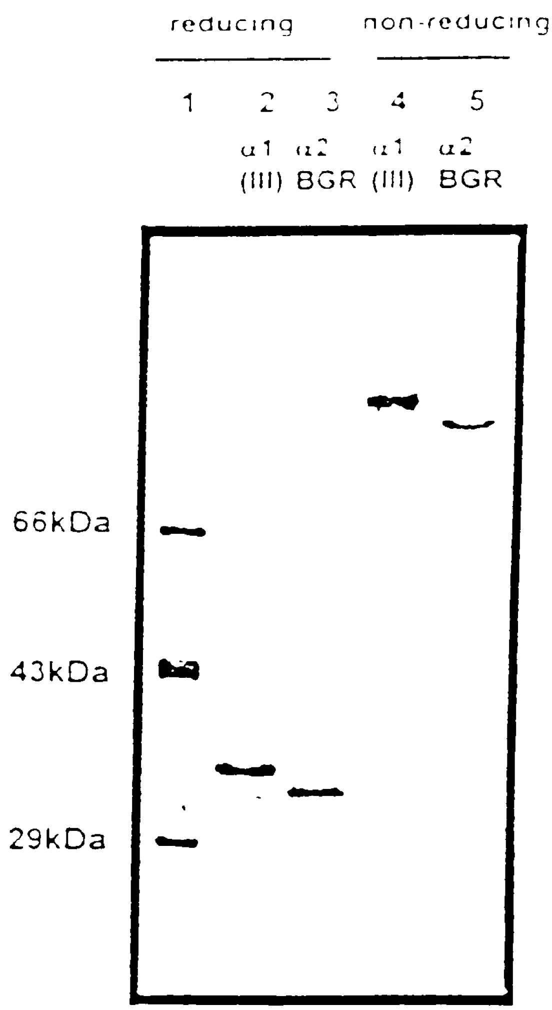
reducing
non-reducing
1
2
3
4
5
α1 (III)
α2 BGR
α1 (III)
α2 BGR
66kDa
43kDa
29kDa

FIG. 12

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APPROVED BY DRAFTSMAN	O.G. FIG.	
	CLASS	SUBCLASS

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
alpha1(I)	G	G	Q	G	S	D	P	A	D	V	A	I	Q	L	T	F	L	R	L	M	S	T	E
alpha2(I)	N	V	E	G	V	T	S	K	E	M	A	T	Q	L	A	F	M	R	L	L	A	N	Y
alpha1(II)	G	D	D	N	L	A	P	N	T	A	N	V	Q	M	T	F	L	R	L	L	S	T	E
alpha1(III)	G	N	P	E	L	P	E	D	V	L	D	V	Q	L	A	F	L	R	L	L	S	S	R
alpha1(V)	V	D	A	E	G	N	P	V	G	V	·	V	Q	M	T	F	L	R	L	L	S	A	S
alpha2(V)	G	D	H	Q	S	P	N	T	A	I	·	T	Q	M	T	F	L	R	L	L	S	K	E
alpha1(XI)	L	D	V	E	G	N	S	I	N	M	·	V	Q	M	T	F	L	R	L	L	T	A	S
alpha2(XI)	V	D	S	E	G	S	P	V	G	V	·	V	Q	L	T	F	L	R	L	L	S	V	S

FIG.13